ACTi NVR 3.0

Release Notes

Version 3.0.06.13

2013/10/21

ACTi
Connecting Vision

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Software Version

NVR3 Server version: v3.0.06.13
NVR3 Workstation version: v3.0.06.13

Release Date
2013.10.21

New Features

1. (V3.0.06.13) Support models: I93, I94, I95, I96, B94, B96, B97, E24A, M1114, GV-BL1200
2. (V3.0.06.08) Support fisheye view modes(Dewarping, Panorama, Double Panorama, Quad)for fisheye camera (e.g. E96) with Fisheye View Software Algorithm and export current view to AVI
3. (V3.0.06.08) Support models: B54, B55, B56, I91, I92, Q6035, M3203, AV40185DN, GV-BX140DW, GV-MFD130, IPFD2MT, IP8362, FD8162
4. (V3.0.06.08) Support multi server sites in server list, play audio file (wav and mp3) function when event is triggered and display Performance Settings function on NVR Workstation
5. (V3.0.06.08) Support Forgot Password function
6. (V3.0.06.08) Support Switch View function in Event Setup page
7. (V3.0.06.08) Support Digest Authentication in Administrator Tool
8. (V3.0.05.07) Support models: D91, D92, AV1355M, AV8185, AV8365
9. (V3.0.05.07) Add troubleshooting tool
10. (V3.0.04.01) Support Windows 8 and Windows server 2012
11. (V3.0.04.01) Support new models: D61, E66, FD8133
12. (V3.0.03.09) Support new model: D12
13. (V3.0.03.09) Support Microsoft Internet Explorer 10.0.
14. (V3.0.03.09) Support Fisheye stream mode, mounting type and installation angle adjustment for KCM-3911 and KCM-7911 with camera new FW v5.09 or later version.
15. (V3.0.02.34) Support New models: KCM-8211, D41, D42, D62, E23, E24, E25, E34, E41A, E42A, and E43A.
16. (V3.0.02.34) Support maximum license number 100 channels.
17. (V3.0.02.34) Support device's network address with IPv6 address
18. (V3.0.02.34) Support CDP (Camera Device Pack) license.

19. (V3.0.02.09) Support e-Map function
20. (V3.0.02.09) Support New models: KCM-8111, D52, E12, E13, E32, E33, E41, E42, E43, E53, and E54.
21. (V3.0.02.09) Add new languages : Arabic, Polish
22. (V3.0.02.09) Support instant patrol and customized patrol, user can save dwell time between the views.
23. (V3.0.02.09) Support view groups management function.
24. (V3.0.02.09) User can import a domain group as a user group
25. (V3.0.01.26) Support New models : D11, D51, E11, E21, E31, E51, E52
26. (V3.0.01.24) Support G711 a-Law/u-Law, G726 32-bits (ADPCM).
27. (V3.0.01.22) Support Microsoft Active Directory® service to provide a more convenient choice for user management
28. (V3.0.01.22) Add “Set Frame Rate for Event Recording Mode” function on Setup page →Device →Video tab. In order to keep recording all the way without losing any single moment, the function can provide different frame rate option in non-event situation.
29. (V3.0.01.22) Support up to 64 channels playback synchronously.

Enhancements

1. (V3.0.06.08) Show Serial Number and Firmware Version in Basic Setup page
2. (V3.0.06.08) Add disk status (Disk Full, Disk Available and No Disk) and export video log
3. (V3.0.06.08) Keep last configuration of Stretch Video Window and Stretch Video
4. (V3.0.06.08) User can change current password via Update Profile function
5. (V3.0.02.09) This version changed H.264 decoder to enhance video performance and CPU loading.
6. (V3.0.01.26) Support storage space more than 4TB
7. (V3.0.01.24) Updated languages: Russian, French
8. (V3.0.01.24) SMTP account can accept “@”.
9. (V3.0.01.24) For Windows 2003, it did not have “MyPicture” folder, hence the Snapshot function will store the snapshot files on user’s desktop.
10. (V3.0.01.22) Support up to 64 channels playback synchronously.
11. (V3.0.01.22) Support instant playback function in Live View mode
12. (V3.0.01.22) Only use HTTP port between NVR3 and client

13. (V3.0.01.22) Do not use Microsoft SQL server anymore in the new NVR3 to avoid the SQL server limitation (up to 2 million records only, higher memory consumption and slower search/delete speed in large records). We use unified database to have lower CPU/RAM consumption, higher search/delete speed, easy installation and upgrading.
14. (V3.0.01.22) The file size of installation package is under 30MB
15. (V3.0.01.22) Intuitive User Interface

Issue Solved

1. (V3.0.06.13) Live view display is unstable while camera using 2048 x 1536 or higher resolution with RTP over TCP or RTP over TCP
2. (V3.0.04.01) Unable to install prior version v3.0.03.09 in Windows XP
3. (V3.0.03.09) Script error issue when add device by auto search devices.
4. (V3.0.02.35) Playback will show black screen in Mobile Go App v2.0.48
5. (V3.0.02.34) Not support Windows Server 2008 64-bit system.
6. (V3.0.02.34) NVR service may not run normally on windows XP.
7. (V3.0.02.34) The layout style format will be changed after modifying name on view manager.
8. (V3.0.02.34) Audio function may be inconsistent with icon display.
9. (V3.0.02.34) Live View may display black screen on all devices sometimes after Live/Playback/Setup pages switching.
10. (V3.0.02.34) Address ID for PTZ camera only supported 1 and 2.
11. (V3.0.02.34) No “Server Loss” message in event panel after NVR server lost network connection.
12. (V3.0.02.34) NVR will show script error occasionally.
13. (V3.0.02.09) PTZ function does not work on CAM-66xx with firmware v2.09.11 and earlier version.
14. (V3.0.02.09) Decode I-frame function does not work when all channels are MJPEG.
15. (V3.0.02.09) NVR will get one more streams from camera.
16. (V3.0.02.09) Motion 3 and 4 settings on ACD2000Q are unable to save in NVR.
17. (v3.0.02.09) IE may be unstable due to frequent pop-up instant playback or constantly changing view by patrol.
18. (V3.0.01.26) NVR service will stop on specific condition.
19. (V3.0.01.26) Fix the Offline Registration problem

Limitations

1. Minimum Resolution is 1024x768.
2. You may need to open HTTP port 80 and ActiveMediaServer.exe in firewall. Or you can remove Anti-virus software and add exception in windows firewall.
3. Export Video function will need enough free space. The free space size will be depended on the image compression, frame rate, channel numbers, export duration time, and raw or avi video type. (If the free space is not enough, the Export result will still show Success.)
4. The account-naming rule is only English letters, numbers and specific symbols are allowed except some symbols " / \ [ ] : ; | = ,+ * ? < >
5. When you configure the Disk Drive for recording, please make sure the "Free Space" is larger than "Reserve Space" in Setup page ->Storage tab.
6. Not support Variable Bit Rate mode.
7. Not support multicast mode.
8. Not support OSD Menu operation for speed dome camera.
9. SED and CAM series devices may not show correct Model Name.
10. For individual recording, if the total size is over 2 GB, or the video encoder type, frame rate, resolution of this channel's stream once altered during the selected Time Duration, this export video file will be divided.
11. Mobile Client cannot login NVR while using digest authentication.
12. Unable to login NVR with domain user while using digest authentication.
13. The maximum licensed channels (Standard channels + CDP channels) on GNR-3000 is 128. The maximum number of channels added to GNR-3000 server is 64.
14. The maximum licensed channels (Standard channels + CDP channels) on INR-410/420 is 400. The maximum number of channels added to INR server is 200.

15. For Windows Embedded Standard 7 (e.g.GNR-3000), Local Live layout is up to 16 channels, Local Playback layout is up to 9 channels.
16. For GNR-3000, if “Display Performance Settings” is enabled in System Setup page, the GNR-3000 local display will decode I frame only automatically when current layout style >4 or CUP usage >=50%.
17. The maximum amount of layout style will be 64 on NVR v3.0.06.08 and later version.

Supported languages

Arabic, Czech, Dutch, English, French, Hungarian, Indonesian, Italian, Japanese, Polish, Portuguese, Romanian, Russian, Spanish, Simplified Chinese, Thai and Traditional Chinese.

Supported camera models

For supported ACTi cameras list, please refer to
http://www.acti.com/corpweb/Tools/UnifiedSolutionValidator/index.aspx
For supported non-ACTi cameras list, please refer to
http://www.acti.com/3rdpartycamera

NVR3 Installation

ACTi NVR 3.0 is a typical web-based server/client system. There are two types of **Clients in NVR 3.0 system**: **Web Client** and **Workstation Client**. A user, connecting from whether web browser or workstation, will enjoy the same user interface and NVR functions.

- **Web Client**: the web version of interface to access NVR server without need of installing any client program to become a client. Logging in the NVR server is as simple as visiting a website through IE browser.
After the NVR3 server installation is complete, user can connect to http://localhost:port with Internet Explorer browser, and will see NVR login page.

- **Workstation Client:** the client application making accessing NVR server free from the use of browser .The workstation program that provide interface between users and the NVR server. It may be installed on the same PC as the NVR server, or they may be installed separately and connect to NVR3 Server via network.

Condition	Installation
New Installation NVR v3.0.01.20 and newer	Condition1
NVR v3.0.01.15 – v3.0.01.19	Condition 2
NVR v2.3.03/v2.3.04 series Installed	Condition 3
Earlier NVR2 version or Activator Installed	Not support

The performance of NVR is largely determined by the hardware PC capability. Please refer to "**Getting Started**" section in **NVR3 System Administrator's Manual** for all details about System Requirement, necessary prerequisites before installation, and installation procedure. If you want to substitute for another computer or re-install the NVR server, please refer to "**Back Up System Data**" section for getting more information.

- **Condition 1: (New installation/NVR v3.0.01.20 and newer Installed)**
  1. Execute NVR3 server "ACTi_NVR_Server_Install_v3.0.06.13.exe" installation application.
  2. Follow the instructions of Install Shield Wizard to proceed and complete the installation.

     If IIS Web Server has been installed on the computer and you are asked to restart the computer during installation process, please choose "Yes, I want to restart my computer now" to restart, and after the computer reboots, please continue to complete the NVR installation.

     The **IP Port Checker** program will pop up to confirm the NVR HTTP port number with you. The installation program will use **80** as default. You may enter another available port number in "Listen Port" field and click "Apply".

  3. For NVR3 workstation, please execute NVR3 workstation "ACTi_NVR_Workstation_Install_v3.0.06.13.exe" and follow the install shield to complete the installation.

- **Condition 2: (NVR v3.0.01.15 – v3.0.01.19 Installed)**
  1. If you already installed NVR v3 version prior to v3.0.01.19, the database backup files of these versions are not compatible with later versions. If missing data is not acceptable, then please do not proceed with the upgrade of newer NVR3 version. If missing data is tolerable, please follow the procedure to upgrade NVR3.
  2. Please uninstall the previous version and delete the "NVR3" folder under \Program Files\ACTi Corporation\
  3. Then follow the instructions of Install Shield Wizard to proceed and complete the NVR3 server and workstation installation.

- **Condition 3: (NVR v2.3.03/v2.3.04 series Installed)**
  Due to NVR 3.0 server has a disparate database structure from previous ACTi NVR 2.3 systems, therefore, the backup files and video files created from NVR 2.X servers are not compatible with NVR 3.0 server.
  Please refer to "System Migration" section in NVR3 System Administrator Manual for details, or please contact ACTi Customer Help Desk platform http://www.acti.com/CHD for assistance in NVR server system migration.

Download and Documentation

NVR3 v3.0.06.13 software (server and workstation), the Release Notes, the Supported Camera Models List, the System Administrator's and User's manuals are all available for download.

You may check "ACTi NVR v3.0" product in "Video Management System" section on ACTi corporate website for updates or release information about this software and documents.
http://www.acti.com/NVR3

For NVR3 related utilities, please check the "ACTi Utility"
http://www.acti.com/Utility

Support

If you have any question or need additional assistance, please feel free to contact our engineers via our **Customer Help Desk** platform
http://www.acti.com/CHD